

**Attn.: Digi-key**

Date: February 5, 2014

Ref. No.: IMC-13O-012


**Izumo Murata  
Manufacturing Co., Ltd**

 Hikawa-cho, Izumo-city,  
Shimane Pref., Japan 699-0696

Phone : +81-853-72-4551

Fax. : +81-853-72-3891

**Discontinuance of "DEH series" DC250V**

(DC250V Disc Ceramic Capacitor)

Dear Sir and/or Madam,

Thank you for your patronage on our ceramic capacitor.

We would like to notify you of the discontinuance of Murata DC250V disc capacitor and request you to replace them with the recommended substitution product as shown below. Please kindly review this document for the details and return this letter with your signature for your acceptance.

**<< Discontinue item >>**1. Object items: **DC250V Disc Ceramic Capacitor ("DEH series")**

- ✓ *Object series* : **DEH series**
- ✓ *Rated Voltage and Cap.* : **DC250V** (Note: 500V & higher DEH series are not affected)
- ✓ *Temp. Characteristic* : **R Char.**
- ✓ *Murata Part Number* : **DEHR32E~** (Example: DEHR32E102KA2B)

## 2. Discontinue Schedule

- *Date of Last Time Buy* : **Sep. 30th, 2014**
- *Date of Last Shipment* : **Dec. 31st, 2015**

Please return this letter with your signature by **March 31<sup>st</sup>, 2014.**

## 3. Reason

Due to the influence of increase cost of silver (use for inner electrode) and the trend to use chip type capacitor, it becomes difficult for us to keep supplying this item to the market. On the other hand, we already have equivalent chip type and chip capacitor with lead type where we could provide a price merit with these capacitors. Therefore, we decided to concentrate the cost down activity of these products and discontinue the object items. Then, we could keep stable supply and price merit for high voltage capacitors in the market.

**<< Recommended item for Replacement >>**

## 4. Proposal of Substitute product

**Radial Leaded type MLCC: RDE series (U2J Temp. Characteristic / DC250V)**

\*Please refer to the list in the Appendix for detail.

We also have chip type MLCC (U2J Temp. Characteristic / DC250V / "GRM series").  
Please contact us if you have any request for this series.

- [Appendix] \* Object Part Number / Recommended Replacement (RDE series)  
\* Comparison of Reliability data vs RDE series

Please feel free to contact us if you have any question or request on our proposal.

If we do not receive any response by Mar 31<sup>st</sup> 2014, we will regard this notification as being accepted.

Sincerely yours,

K. Kubota

 Issued by  
Engineering Section 3  
Capacitor Div.2  
Izumo Murata Mfg. Co., Ltd.

Approved by:

**Appendix**

<b>Current [DEH series DC250V]</b>									
Item	Customer Part Number	Murata Part Number	T.C.	W.V.	Body dia $\phi$ max. (mm)	T max. (mm)	Leadwire style	Lead space (mm)	Lead Length (mm)
1	DEHR32E221KN2A-ND	DEHR32E221KN2A	R	DC250V	6	4	Vertical crimp Taping	5	(Taping)
2	DEHR32E102KN2A	DEHR32E102KN2A	R	DC250V	6	4	Vertical crimp Taping	5	(Taping)
3	DEHR32E103KA2B	DEHR32E103KA2B	R	DC250V	12	4	Vertical crimp long	5	25 Min.
4	DEHR32E103KN2A	DEHR32E103KN2A	R	DC250V	12	4	Vertical crimp Taping	5	(Taping)
5	DEHR32E472KA2B	DEHR32E472KA2B	R	DC250V	10	4	Vertical crimp long	5	25 Min.
6	DEHR32E682KN2A	DEHR32E682KN2A	R	DC250V	12	4	Vertical crimp Taping	5	(Taping)

<b>Recommended Replacement [Radial lead type MLCC "RDE" series]</b>									Deviation
Item	Recommend Murata PN	T.C.	W.V.	LxW (mm) typical	T max. (mm)	Leadwire style	Lead Space (mm)	Lead Length (mm)	
1	RDE7U2E221J1M1H03A	U2J	DC250V	4.5x3.5	3.15	Inside crimp taping	5	(Taping)	Size(Body dia $\phi$ , LxW), Thickness(T), Leadwire style
2	RDE7U2E102J1M1H03A	U2J	DC250V	4.5x3.5	3.15	Inside crimp taping	5	(Taping)	Size(Body dia $\phi$ , LxW), Thickness(T), Leadwire style
3	RDE7U2E103J2K1H03B	U2J	DC250V	5.5x4.0	3.15	Inside crimp long	5	25 min.	Size(Body dia $\phi$ , LxW), Thickness(T), Leadwire style
4	RDE7U2E103J2M1H03A	U2J	DC250V	5.5x4.0	3.15	Inside crimp taping	5	(Taping)	Size(Body dia $\phi$ , LxW), Thickness(T), Leadwire style
5	RDE7U2E472J1K1H03B	U2J	DC250V	4.5x3.5	3.15	Inside crimp long	5	25 min.	Size(Body dia $\phi$ , LxW), Thickness(T), Leadwire style
6	RDE7U2E682J2M1H03A	U2J	DC250V	5.5x4.0	3.15	Inside crimp taping	5	(Taping)	Size(Body dia $\phi$ , LxW), Thickness(T), Leadwire style